SGH-x426
User Manual

Please read this manual before operating your phone, and keep it for future reference.

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Samsung Telecommunications America, L.P.

U.S. Headquarters:
1301 East Lookout Drive
Richardson, TX 75082
Tel: 972-761-7000
Fax: 972-761-7001

Customer Care Center:

1601 E. Plano Parkway
Suite 150
Plano, TX 75047
Tel: 888-987-HELP (4357)
Fax: 972-761-7501

Internet Address: http://www.samsungusa.com/wireless

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Important Safety Precautions

Read these guidelines before using your wireless phone. Failure to comply with them may be dangerous or illegal. For more detailed safety information, see "Health and Safety Information".

Road Safety at All Times

Do not use a hand-held phone while driving; park the vehicle first.

Switching Off When Refueling

Do not use the phone at a service station or near fuels or chemicals.

Switching Off in Aircraft

Wireless phones can cause interference. Using them in an aircraft is both illegal and dangerous.

Switching Off in Hospitals

Switch off your phone near medical equipment. Follow any regulations or rules in force.

Interference

All wireless phones may be subject to interference, which could affect its performance.

Special Regulations

Meet any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger (in a hospital for example).

Sensible Use

Use only in the normal position (held to the ear). Avoid unnecessary contact with the antenna when the phone is switched on.

Emergency Call

Ensure the phone is turned on and in service.

Enter the emergency number for your present location, the press <SEND>. If certain features are in use, deactivate those features before you can make an emergency call. Give all necessary information as accurately as possible.

Accessories and Batteries

Use only Samsung-approved accessories and batteries.

Qualified service

Only qualified service personnel may install or repair your phone.

For more detailed safety information, see "Health and Safety Information" on page 116.

Unpacking

Your package contains the following items:

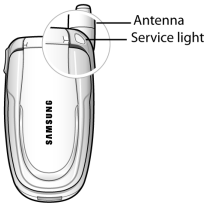
Handset	Travel Adapter
Battery	Handstrap

In addition, you can obtain the following accesories for your phone from your locl Samsung dealer.

- Battery
- Travel Adapter
- Battery Charger
- Ear Microphone
- Car Power Charger
- Simple Hands-free Kit
- Data Cable, Easy GSM CD, User's Guide.

Your Phone

Phone Layout



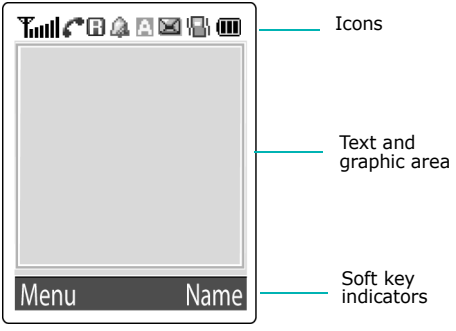
Key	Description
	Menu mode: Scrolls through menus and phonebook **Idle mode***:* Scroll Up displays the Calendar. Down scrolls through your favorite phone numbers.
	Menu mode*:* Scroll Left returns to the Idle mode; Scroll Right selects the highlighted item in the current menu option. **Idle mode***:* Scroll Left displays the Voice Mail Menu.
 (soft keys)	Perform functions indicated by the text above them on the bottom line of the display.
i	**Idle mode***:* Launches the web browser. See “WAP Browser (Menu 7.1)” on page 101.

Key	Description
	Makes or answers a call. **Menu mode***:* Selects the first option for the menu that is displayed. **Idle mode***:* Press to display the Redial List display. Hold down to dial the last number called or received.
	Deletes characters from the display. **Menu mode***:* Returns to the Idle menu.
	Ends a call. Hold down to turn the phone on or off. **Menu mode***:* Cancels your input and returns to Idle mode.
	Idle mode*:* Hold down to quickly access your voice mail.
	Enter numbers, letters, and some special characters.
	Enter special characters and perform various functions.

Key	Description
	(on the side of the phone) **During a call***:* Adjusts earpiece volume. *Idle mode:* Adjusts keypad tone volume. **Menu mode***:* Scrolls through menus and Phonebook.

Display

The display has three areas:



Area	Description
Icons	Displays various icons. See “Icons” on page 16.

Area	Description
Text and graphic area	Displays messages, instructions, and any information entered, such as the number you are dialing.
Soft key indicators	Displays functions currently assigned to the two soft keys.

Icons

Icon	Description
	Indicates the received signal strength. The greater the number of bars, the better the signal.
	Indicates you are connected to the GPRS network
	Indicates a data connection to the GPRS network has been established.
	Displays when a call is in progress.
	Displays when you are out of your home area and have logged onto a different network (roaming).
	Displays when an alarm has been set.
	Displays during text entry to indicate current entry mode. See “Entering Text” on page 43.
	Displays when a new text message has been received.

Icon	Description
	Displays when a new voice mail message has been received.
	Displays when the phone is on Mute.
	Displays when the phone is in silent mode.
	Indicates your battery level.

Backlight

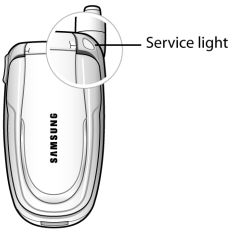
The backlight illuminates the display and the keypad. When you press a key or open the phone, the backlight turns on. If no keys are pressed, the light turns off after a specified time. To set the length of time the backlight is active, see "Back Light (Menu 4.6.2)" on page 81.

After a specified time, the display turns off to conserve power.

Use the Auto Light menu to set your phone to use the backlight for a specified time. See "Auto Light (Menu 4.6.3)" on page 81.

Service Light

The service light, at the top right-hand corner of the phone, flashes when you are within a service area. To enable or disable the service light, see "Service Light (Menu 4.6.4)" on page 82.



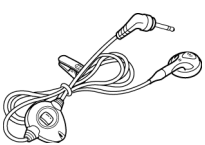
Earbud/Microphone

The earbud/microphone allows you to use your phone hands-free.

To answer a call using the earbud, press the button on the earbud controller.

To open the recent calls menu, press and hold the earbud controller button. A beep indicates the menu is ready.

To re-dial the most recent caller, press and hold the earbud controller until you've heard two beeps. After the second beep, the phone dials the most recent caller.



Getting Started

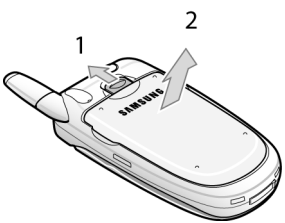
When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, and any optional services available.

Important! The plug-in SIM card and its contacts can be easily damaged by scratches or bending. Be careful when handling, inserting, or removing the card.

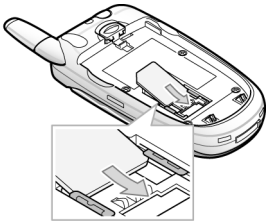
Installing the SIM Card

Keep all SIM cards out of the reach of small children. Use the following procedures to install the SIM card:

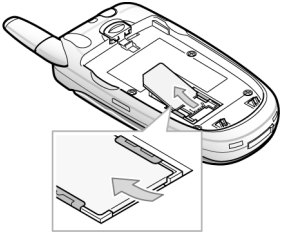
1. If necessary, switch off the phone by holding down .
2. Remove the battery:
   - Press the battery lock above the battery and hold it toward the top of the phone as shown.
   - Lift the battery away.



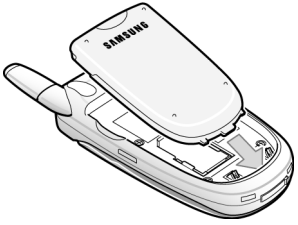
3. Slide the SIM card into the SIM card socket.



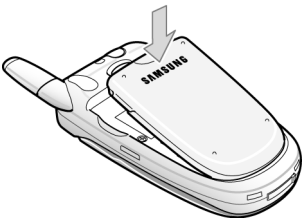
Note: To remove the SIM card, slide it out of the socket



4. Place the battery so that the tabs on the end align with the slots at the bottom of the phone.



5. Press the battery until it clicks into place. Make sure the battery is properly installed before switching the phone on.



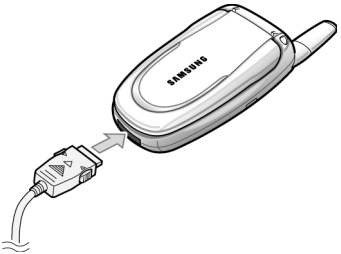
Charging a Battery

Your phone is powered by a rechargeable Li-ion battery which can be charged using the included adapter. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

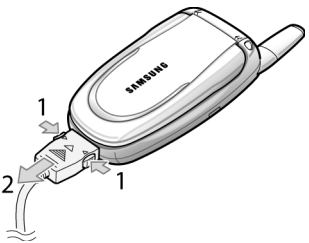
You can use the phone while the battery is charging, but this charges the battery more slowly.

Note: You must fully charge the battery before using your phone for the first time. A discharged battery is fully recharged in approximately 200 minutes.

1. With the battery installed, plug the connector into the jack at the bottom of the phone.



2. Plug the adapter into a standard AC wall outlet.
3. When the battery is charged, unplug the adapter from the outlet. Press the gray tabs on both sides of the connector to disconnect the adapter from the phone.



Note: To avoid damaging your phone, always unplug the adapter from the power outlet before disconnecting the adapter from your phone.

Low Battery Indicator

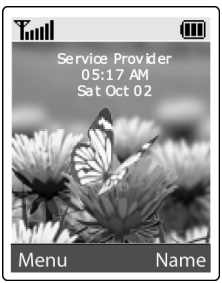
When the battery is weak and only a few minutes of talk time remain, a warning tone sounds and a

message repeats at regular intervals on the display. The backlight turns off to conserve power.
When the battery level gets too low, the phone automatically turns off.

Switching the Phone On/Off

1. Press and hold ⏻ until the phone turns on.

   When the phone has found the network, the idle screen displays:



Note: English is the default display language. To change the language, see "Language (Menu 4.4)" on page 77.

2. To turn the phone off, press and hold ⏻ until the power-off image displays.

Call Functions

Making a Call

When the idle screen displays, enter the area code and phone number, then press .

Note: When you activate the **Auto Redial** option in the **Extra Settings** menu (**Menu 4.7**), the phone automatically re-dials up to ten times if the person fails to answer. See “Auto Redial” on page 83.

Making an International Call

1. Press and hold . The + character displays.
2. Enter the country code, area code, and phone number, then press .

Correcting the Number

To…	Press the…
the last digit displayed	.
any other digit in the number	Left or Right navigation key until the cursor is immediately to the right of the digit to be deleted. Press . To insert a missing digit, press the appropriate key
the whole display	Press and hold the key.

Ending a Call

To end a call, briefly press .

Redialing the Last Number

The phone stores the numbers you dialed, received, or missed unless the caller's number is blocked. See "Call Records" on page 70.

To recall any of these numbers:

1. Press to display the list of recent phone numbers.
2. Using the Up and Down navigation keys, scroll through the numbers until the number you want highlight.

To…	Press the…
dial the number	
edit the number	**Options** soft key and select the **Edit** soft key. See "Correcting the Number" on page 25.
delete the number	**Options** soft key and select **Delete**.
delete all of the numbers	**Options** soft key and select **Delete All**.
dial the number	

Making a Call from Phonebook

You can store frequently-used phone numbers in the SIM card or the phone's memory, also called the Phonebook. Select a name to recall the associated number. See "Phonebook" on page 35.

Adjusting the Volume

To adjust the earpiece volume during a call, press the ^ key to increase the volume level and the v key to decrease the level as shown:

In Idle mode, use these keys to adjust the keypad tone volume.

Answering a Call

When you receive a call, the phone rings and displays the incoming call animation.

When the caller can be identified, the phone displays the caller ID information. If the caller is stored in your Phonebook, the callers name also displays.

1. Press or the **Accept** soft key to answer an incoming call.

   If the **Anykey Answer** option is activated, press any key to answer except and the **Reject** soft key. See "Anykey Answer" on page 83.

   If the **Active Folder** option is activated, calls are answered when you open the phone. See "Active Folder" on page 83.

Note: To reject an incoming call, press and hold the Volume keys on the left side before opening the phone, or press the **Reject** soft key or .

2. To end a call, close the phone or press .

Note: You can answer a call while using the Phonebook or menu features in the same manner.

Viewing Missed Calls

When you are unable to answer a call, you can use the Missed Call log to retrieve the number, if available.

The number of missed calls displays on the idle screen immediately after a call is missed.

To view missed calls:

1. Press the **View** soft key.

   The number of the most recent missed call displays, if available.

To	Press the
scroll through missed calls	Up or Down navigation key.

To	Press the
call the number displayed	.
edit or delete a missed call number	**Select** soft key. See the following sections for further details.

Editing a Missed Call Phone Number

Note: When the phone number of the missed call is not available, the **Edit Number** option does not display.

1. Press the **Options** soft key.
2. Press the Up or Down navigation key to highlight the **Edit Number** option.
3. Press the **Select** soft key.
4. Change the phone number.

To	Press the
call the number	.
store the number	**Save** soft key and enter the name and location. See “Storing a Number with a Name” on page 35.

Deleting a Missed Call

1. Press the **Options** soft key.
2. Press the Up or Down navigation key to highlight the **Delete** option.
3. Press the **Select** soft key.

Press at any time to exit.

Note: You can access Missed Calls at any time by selecting the **Missed Calls** menu (**Menu 2.1**). See "Missed Calls (Menu 2.1)" on page 70.

Quickly Switching to Silent Mode

In silent mode, your phone vibrates instead of ringing when you receive a call.

In Idle mode, press and hold until the "Silent Mode" message and display.

In Silent mode, your phone changes the sound settings as follows:

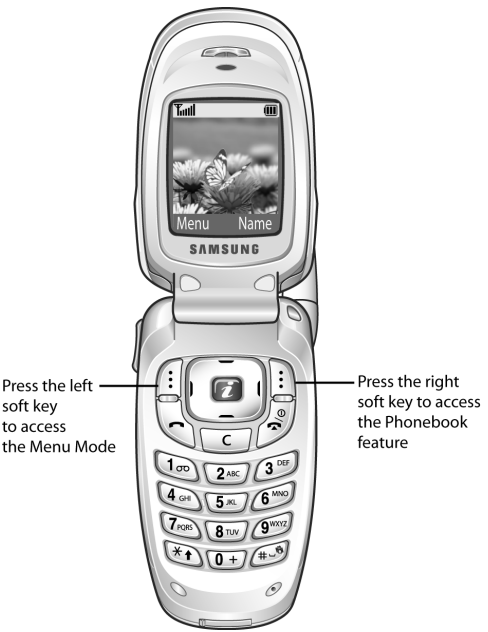
Option	Function
Alert Type (**Menu 3.3**)	Vibration
Keypad Tone (**Menu 3.4**)	Turned Off
Message Tone (**Menu 3.5**)	Vibrates
Folder Tone (**Menu 3.6**)	Off
Power On/Off tone	Classical
Extra Tones (**Menu 3.8**)	Turned Off

To exit silent mode and return to normal settings, press and hold until **Exit Silent Mode** displays.

Selecting Functions and Options

The options used to customize your phone are arranged in menus and sub-menus, which are accessed using the two soft keys marked and . Each menu and sub-menu allows you to view and alter phone settings.

The soft keys vary according to the function you are using. The label on the bottom information line of the display just above each key indicates its current function.


Menu
Name
SAMSUNG
C
Press the left soft key to access the Menu Mode
Press the right soft key to access the Phonebook feature

To select a function or option:

1. Press the appropriate soft key.

To	Press the
select the function or option	**Select** soft key or the Right navigation key.
view the next function or option	Down navigation key or ⋁ key on the left side of the phone.
view the previous function or option	Up navigation key or ⋀ key on the left side of the phone.
move back one menu level	Left key, ⮌ soft key, or C.
exit the menu without saving changes	

For some functions, you may be asked for a password or PIN. Enter the code and press the **OK** soft key.

Note: When you access a list of options, your phone highlights the current option. If there are only two options, such as **On**/**Off** or **Enable**/**Disable**, your phone highlights the option that is currently active.

Phonebook

You can store names and phone numbers in your SIM card or phone's memories. They are physically separate but are viewed as a single Phonebook.

Storing a Number with a Name

There are two ways to store a number:

- Use the **Save** soft key in Idle mode
- Use the **New Entry** option in the Phonebook menu

Storing a Number in Idle Mode

To store an number in idle mode:

1. Enter the number you want to store.

Note: If you make a mistake while entering a number, correct it using C.

2. To save the number, press the **Save** soft key.
3. Select an icon that identifies the category of the number, then press the **Select** soft key. Options are:
   - : Mobile phone
   - : Office
   - : Home
4. Enter a name and press the **OK** soft key.

   The maximum length you can enter for a name depends on your SIM card. See "Entering Text" on page 43.

5. Press the right soft key, labeled **To Card** or **To Phone**, to switch between phone and SIM card memory.

Note: If you use a different phone, any numbers stored in your SIM card memory are available when the card is used on the new phone. Any numbers stored in the old phone's memory must be re-entered.

6. If you do not want to save the number and name in the suggested location, press C to clear the location. Enter the preferred location using the number keys.

7. Press the **OK** soft key to store the name and number.

8. After saving, the phone displays the new Phonebook entry.

To	Press the
use the entry options	**Options** soft key. See "Using Phonebook Entry Options" on page 37.
return to the idle screen	

Storing a Number Using the Phonebook Menu

1. At the idle screen, press the **Name** soft key.

2. Use the Up and Down keys to highlight **New Entry** and press the **Select** soft key.

3. Use the Left and Right navigation keys to select a category and press the **Select** soft key.

Note: The E-mail icon ( ) is available in this step. It allows you to save an E-mail address in addition to a phone number.

4. Enter a name and press the **OK** soft key.

Note: The maximum length you can enter for a name depends on your SIM card. See "Entering Text" on page 43.

5. Enter a number or address you want to store and press the **Save** soft key.

6. Continue the procedure from step 5 on page 36 to store the number.

Using Phonebook Entry Options

While accessing any Phonebook entry, press the **Options** soft key to view the options for the entry.

To	Press the
select the highlighted option	**Select** soft key or the Right navigation key.
highlight a different option	Up or Down navigation key until the option you want highlights.

The following options are available:

Paste: allows you to paste the number into the normal dialing mode. Use this option to dial a number similar to one in Phonebook, such as a different extension in the same office.

Use C to change the number as required. See "Correcting the Number" on page 25.

Edit: allows you to edit the name or number.

Erase: allows you to erase the name and number. A confirmation message displays when you select this option. Press the **Yes** soft key to confirm.

Copy: allows you to copy the number to a memory and the location number you select.

Caller Group: allows you to organize your Phonebook entry in caller groups so that the phone alerts you in a specific way when a person from one of your groups calls you. Select one of the ten groups available.

To remove an entry from a group, select the **No Group** option.

See "Editing a Caller Group" on page 40..

Add Entry: allows you to add a new number to the selected name.

Searching for a Number in Phonebook

After storing numbers in Phonebook, you can search for them in two ways; by name and by caller group.

Searching for a Number by Name

1. At the idle screen, press the **Name** soft key.
2. Press the **Select** soft key when **Search** highlights. You are asked to enter a name.

3. Enter the first few letters of the name that you wish to find. The Phonebook entries display.

To	Press the
view the highlighted entry	**View** soft key.
select a different entry	Up or Down navigation key until the entry highlights.
look for a name starting with a different letter	key labeled with the letter you want.

4. Press to dial the number, or press the **Options** soft key to access Phonebook entry options. See “Using Phonebook Entry Options” on page 37.

Searching for a Number by Caller Group

1. At the Idle screen, press the **Name** soft key.
2. Use the Up or Down navigation key to scroll to **Group Search**.
3. Press the **Select** soft key. You are asked to enter a group name.
4. Enter the first few letters of the group you want to find. The caller groups display.

5. Use the Up or Down navigation key to select the group you want, then press the **View** soft key. Phonebook entries in the caller group display.

To	Press the
view the highlighted entry	**View** soft key.
select a different entry	Up or Down navigation key until the entry you want highlights.

6. Press to dial the number, or press the **Options** soft key to access Phonebook entry options. See “Using Phonebook Entry Options” on page 37.

Editing a Caller Group

1. At the Idle screen, press the **Name** soft key.
2. Use the Up or Down navigation key to scroll to **Group Edit** and press the **Select** soft key.
3. Highlight the group you want using the Up or Down navigation key and press the **Options** soft key.
4. Change settings as required. The following options are available:
   - **Call Ring Tone**: sets the ring tone for incoming calls.
   - **SMS Tone**: sets the ring tone for new text messages.
   - **Graphic**: sets the icon displayed for incoming calls.
   - **Group Name**: assigns a name to the group.

5. When you are finished, press or .

Speed-dialing

Once phone numbers are stored, you can set up to eight speed-dial entries.

Setting Up Speed-Dial Entries

1. From the idle screen, press the **Name** soft key.
2. Use the Up or Down navigation key to scroll to **Speed Dial** and press the **Select** soft key.
3. Highlight key to assign the speed-dialing number, 2 - 9, and press the **OK** soft key.

   Note: Memory location 1 is reserved for Voice Mail.

   Note: If you have already assigned a number to the key, the **Options** soft key replaces the **OK** soft key. Go to step 6.
4. Select a Phonebook entry from the list and press the **View** soft key.
5. Select a number if the entry contains more than one and press the **Select** soft key.
6. When the speed dial number is assigned, select from the following options by pressing the **Options** soft key:
   - **Change**: allows you to a different number to the key.
   - **Erase**: clears the setting so that no number is assigned.
   - **Erase All**: clears the settings for all keys so no numbers are assigned to any key.

- **Number**: Displays the number assigned to the key.

7. When you are finished, press C or .

Speed-dialing from Phonebook

To speed-dial the numbers assigned to 2 ABC - 9 WXYZ, press and hold the appropriate key.

Checking the Memory Status

You can check how many names and numbers are stored in the Phonebook; SIM card and phone memories. You can also see the capacity of both memories.

1. At the idle screen, press the **Name** soft key.
2. Select the **Memory Status** option.
3. Press the Up or Down navigation key to view the number of existing and remaining entries in the card and phone's memory.
4. When you are finished, press C or .

Entering Text

You can enter alphanumeric characters using your phone's keypad using one of the following text entry modes:

♦ T9 mode

This mode allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter; for example, when you press 5 JKL once, J, K or L displays. T9 mode automatically compares your keystrokes with an internal linguistic dictionary to determine the correct word, thus requiring far fewer keystrokes than the traditional upper/lower-case character modes.

♦ Upper/lower-case character modes

These modes allow you to cycle through letters by pressing the key labeled with the letter you want to enter up to four times until the letter displays.

♦ Symbol mode

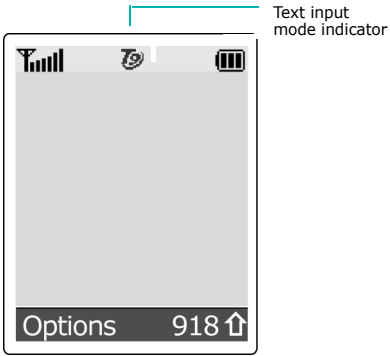
This mode allows you to enter symbols, such as punctuation marks.

♦ Number mode

This mode allows you to enter numbers.

Changing the Text Input Mode

When you are in a field that allows character entry, the text input mode icon displays:



To select	Press the ⇧ soft key until
T9 mode	displays
Symbol mode	displays
Upper-case character mode	displays
Lower-case character mode	displays
Number mode	displays

Using T9 Mode

T9 is a predictive text input mode that allows you to key in any character using single keystrokes based on a built-in dictionary.

To enter a word in T9 mode:

1. When you are in T9 mode, start entering a word by pressing 2 ABC - 9 WXYZ. Press each key only once for each letter.

   Example: To enter "Hello" in T9 mode, press 4 GHI, 3 DEF, 5 JKL, 5 JKL and 6 MNO.

   The word that you are typing appears on the display. It changes with each key that you press.

2. Enter the whole word before editing or deleting your keystrokes.

3. When the word displays correctly, go to step 4.

   If not, press 0+, Up, or Down keys to display alternative word choices.

   Example: Both "Of" and "Me" contain 6 MNO and 3 DEF. The phone displays the most commonly used choice first.

4. Press # to add a space then start entering the next word.

- To type words not found in T9 mode, change the text input mode to the upper/lower-case character input mode.
- To enter full stops, hyphens, or apostrophes, press 1. T9 mode applies grammar rules to ensure that the correct punctuation is used.
- Example: 1. is used twice to display two punctuation marks:

- To shift case in T9 mode, use . There are two cases: Lower Case ( ) and Capital Lock ( ).
- You can move the cursor using the Left and Right navigation keys. To delete letters, press . Press and hold to clear the display.

Using Upper/Lower-Case Character Mode

Use - to enter your text.

1. Press the key labeled with the letter you want:
   - Once for the first letter
   - Twice for the second letter
   - Etc.
2. Select the other letters in the same way.

Note: The cursor moves to the right when you press a different key. When entering the same letter twice or a different letter on the same key, wait a moment for the cursor to move to the right automatically, then select the next letter.

The following characters are available:

Key	Characters in the Order Displayed	
	Upper Case	Lower Case
1	. 1 ! ? & ¡ ¿ §	. @ % _ £ $ ¥ ¤ §
2	A B C 2 Ä Å Æ Ç Γ	a b c 2 à ä åæ Γ
3	D E F 3 É Δ Φ	d e f 3 è é Φ
4	G H I 4 Θ Ψ	g h i 4 ì Ψ
5	J K L 5 Λ	j k l 5 Λ
6	M N O 6 Ñ Ø Ö ö	m n o 6 ñ ø ò ö
7	P Q R S 7 Π Σ Ξ	p q r s 7 ß Σ Ξ
8	T U V 8 Ü ü	t u v 8 ù ü
9	W X Y Z 9 Ω	w x y z 9 Ω
0	0 * # , ; ' " =	/ : - + ( ) < >
#	Space	

- To insert a space, press .
- Move the cursor using the Left and Right keys.
- To delete letters, press C.
- Press and hold C to clear the display.

Using Number Mode

Number mode allows you to enter numbers using the number keys.

Using Symbol Mode

Symbol mode allows you to insert symbols. Select a symbol and press the **OK** soft key.

Options During a Call

Your phone provides a number of functions you can use during a call.

Putting a Call on Hold

At any time, you can place a call on hold. You can also make another call with a call on hold.

To place a call on hold, press the **Hold** soft key. Press the **Unhold** soft key to return to the call.

To make a call while you have a call in progress:

1. Enter or select the phone number.
2. Press to dial the second call. The first call is automatically put on hold.

Or:

1. Press the **Hold** soft key to put the current call on hold.
2. Make the second call in the normal way.

To switch between the two calls, press the **Swap** soft key. To end a held call, press .

Mute

To mute your phone so you cannot be heard:

1. Press the **Options** soft key.
2. Highlight the **Mute** option.
3. Press the **OK** soft key. You cannot be heard by the caller.

To turn Mute off:

1. Press the **Options** soft key.
2. Highlight the **Unmute** option.
3. Press the **OK** soft key. You can again be heard by the caller.

Muting/Sending Key Tones

If the **Mute keys** option is selected, your phone is silent when keys are pressed and key tones are not sent.

Note: To communicate with answering machines or computerised telephone systems, you must activate the **Send keys** option.

Sending Tones

This option allows you to send the correct type of tones if you need to enter a password or account number when calling an automated system, such as a bank. To send tones:

1. Press the **Options** soft key.
2. Highlight the **Send Tones** option.
3. Press the **OK** soft key.
4. Enter the required number and press the **OK** soft key.

Searching for a Number in the Phonebook

To search for a number in the Phonebook during a call:

1. Press the **Options** soft key.

2. Highlight the **Phonebook** option.
3. Press the **OK** soft key. The Phonebook entries display.
4. Enter the name you want to find.
5. Press the **View** soft key to display the highlighted entry.

For further details, see "Phonebook" on page 35.

Using the Message Service

SMS Service allows you to read and send short text messages. If you receive an SMS (Short Message Service) message during a call, the Message icon ( ) displays and the service light flashes. See "Messages" on page 60.

Call Waiting

You can answer an incoming call while you have a call in progress (if you have set the **Call Waiting** menu to **Activate**; see "Call Waiting (Menu 6.3)" on page 97). A call-waiting tone plays to when you receive a second call.

To answer a call while you have a call in progress:

1. Press or the **Accept** soft key to answer the incoming call. The first call is automatically put on hold.
2. To switch between the two calls, press the **Swap** soft key.
3. To end a call on hold, press the **Options** soft key and select the **End Held Call** option.

To end the current call, press .

To ignore the second call, press the **Reject** soft key.

Making a Multi-party Call

A multi-party calls allows up to six people to take part in a call. For further details about subscribing to this service, contact your service provider.

Setting up the Multi-party Call

1. Call the first participant.
2. Call the second participant in the normal way. The first call is automatically put on hold.
3. To join the first participant to the multi-party call, press the **Options** soft key and select the **Join** option. Press the **OK** soft key.
4. To add a new person to the multi-party call, call the person, then press the **Options** soft key. Select the **Conference** option and press the **OK** soft key.

You can add incoming callers by answering the call, pressing the **Options** soft key, and selecting **Conference**.

Having a Private Conversation With One Participant

1. Press the **Options** soft key and choose the **Select one** option. Press the **OK** soft key.
2. Highlight a participant and press the **Select** soft key or .

3. When the **Private** option highlights, press the **OK** soft key. You can now have a private conversation with the person without leaving the call.
4. To return to the multi-party call, press the **Options** soft key and select **Conference**. Press the **OK** soft key. All of the multi-party call participants can now hear each other.

Dropping One Participant

1. Press the **Options** soft key and choose the **Select one** option. Press the **OK** soft key.
2. Highlight a participant, then press the **Select** soft key or .
3. Select the **Remove** option and press the **OK** soft key. The call drops the participant, but you can continue to talk to the other participants.
4. To end the multi-party call, close your phone or press .

Using the Menus

The phone offers a range of functions to you can customize using menu functions.

Accessing a Menu Function

1. In Idle mode, press the **Menu** soft key.

To	Press the
scroll through the menus	Up or Down navigation key or use the ∧ and ∨ keys.
confirm the chosen setting	**Select** soft key or the Right navigation key.
return to the previous menu level	soft key or the Left key.
exit the menu without changing the settings	

Accessing a Menu Function Using Shortcuts

Menu items can be accessed quickly using their shortcut numbers. The shortcut number is displayed at the bottom right next to the soft key. To jump to a menu, press the **Menu** soft key and the menu number.

Note: The numbers assigned to each menu are indicated on the "List of Menu Functions" on page 55. Depending on the services supported by your SIM card, they may not match the menu number on the phone.

Example: Accessing the **Language** menu.

1. Press the **Menu** soft key.
2. Press 4 GHI for **Phone Settings**.
3. Press 4 GHI for **Language**. The languages available display.

List of Menu Functions

The following list shows the menus available and indicates the shortcut number assigned to each item.

Note: If you use a SIM AT card that provides additional services, the **SIM AT** menu displays when you press the **Menu** soft key. For further details, see your SIM card instructions.

1. Messages **(see page 60)**

- 1.1 Inbox
- 1.2 Outbox
- 1.3 Write New
- 1.4 Templates
- 1.5 Settings
  - 1.5.1 Setting 1*
  - 1.5.2 Common Setting
- 1.6 My Objects
  - 1.6.1 My EMS Melody
  - 1.6.2 My EMS Picture
  - 1.6.3 My EMS Animation

*. Support dependent on network service provider.

1.6.4 Delete All
1.7 Delete all
1.7.1 Inbox
1.7.2 Outbox
1.7.3 All Messages
1.7.4 CB Message
1.8 Memory Status
1.8.1 SIM memory
1.8.2 PHONE memory
1.8.3 CB memory
1.9 Voice Mail
1.9.1 Connect to Voice Mail
1.9.2 Voice Mail Number
1.10 Broadcast
1.10.1 Read
1.10.2 Receive
1.10.3 Channel List
1.10.4 Language

2. Call Records (see page 70)

2.1 Missed Calls
2.2 Incoming Calls
2.3 Outgoing Calls
2.4 Delete All
2.4.1 Missed Calls
2.4.2 Incoming Calls
2.4.3 Outgoing Calls
2.4.4 All Calls
2.5 Call Time
2.5.1 Last Call Time
2.5.2 Total Outgoing
2.5.3 Total Incoming
2.5.4 Reset Timers

3. Sound Settings (see page 72)

3.1 Ring Tone

3.2 Ring Volume
3.3 Alert Type
3.4 Keypad Tone
3.5 Message Tone
    3.5.1 SMS Tone
    3.5.2 SMS-CB Tone
3.6 Folder Tone
    3.6.1 Off
    3.6.2 Future
    3.6.3 Crystal
3.7 Power On/Off
    3.7.1 Off
    3.7.2 Classical
    3.7.3 Cheerful
3.8 Extra Tones

4. Phone Settings (see page 76)

4.1 My Settings
    4.1.1 Wallpaper
    4.1.2 Menu Style
4.2 Greeting Message
4.3 Own Number
4.4 Language
4.5 Security
    4.5.1 PIN Check
    4.5.2 Change PIN
    4.5.3 Phone Lock
    4.5.4 Change Password
    4.5.5 SIM Lock
    4.5.6 FDN Mode*
    4.5.7 Change PIN2*
4.6 Display Settings
    4.6.1 Contrast
    4.6.2 Back Light

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4.6.3 Auto Light
4.6.4 Service Light
4.6.5 Graphic Logo
4.7 Extra Settings
4.8 Short Cut
4.8.1 Key Up
4.8.2 Key Down
4.8.3 Key Right
4.8.4 Key Left
4.9 Reset Settings

5. Organizer (see page 85)

5.1 Calendar
5.2 To Do List
5.3 Time & Date
5.3.1 Set Time
5.3.2 Set Date
5.3.3 World Time
5.3.4 Time Format
5.4 Alarm
5.4.1 Once Alarm
5.4.2 Daily Alarm
5.4.3 Morning Call
5.4.4 Remove Alarm
5.4.5 Autopower
5.5 Calculator
5.6 Currency Exchange

6. Network Services (see page 94)

6.1 Call Forwarding
6.1.1 Forward Always
6.1.2 Busy
6.1.3 No Reply
6.1.4 Unreachable
6.1.5 Cancel All
6.2 Call Barring

6.2.1 All Outgoing
6.2.2 International
6.2.3 International Except to Home*
6.2.4 All Incoming*
6.2.5 Incoming While Abroad*
6.2.6 Cancel All
6.2.7 Change Barring Password*
6.3 Call Waiting
6.3.1 Voice Calls
6.3.2 Data Calls
6.3.3 Cancel All
6.4 Network Selection
6.4.1 Automatic
6.4.2 Manual
6.5 Caller ID
6.5.1 Default
6.5.2 Hide Number
6.5.3 Send Number
6.6 Closed User Group*

7. Funbox (see page 101)

7.1 WAP Browser
7.1.1 GoRogers
7.1.2 Settings
7.1.3 Clear Cache
7.1.4 Push Message
7.2 Downloads
7.2.1 Games & More
7.2.2 Sounds
7.2.3 Pictures

Messages

Short Message Service (SMS) allows you to send and receive short text messages. In addition, your phone supports the Enhanced Messaging Service (EMS), which allows you to include simple pictures, melodies, and animated images in your messages. To use this feature, you must subscribe to your service provider's message service.

When the Message icon (✉) displays, you have new text messages. When the memory is full, an error message displays and you cannot receive any new messages. Use the **Delete** option to remove obsolete messages.

Inbox *(Menu 1.1)*

The Inbox stores messages you have received. A list of messages displays with the sender's phone number or name, if available.

1. Select a message and press the **View** soft key.
2. Use the Up and Down key to scroll through the message.
3. To move to the previous or next message, press or .

While reading a message, the following options are available using the **Options** soft key:

Delete: deletes the message.

Send: sends the message. See "Creating a Simple Text Message" on page 62.
Reply: creates a reply to the sender.
Call Back: calls the sender phone number.
Save Address: saves the sender's phone number for storage in the Phonebook or SIM.
Move To Phone: moves the message to another memory location (from the SIM card to the phone's memory or vice versa).
Move To SIM: allows you to move the message from the phone's memory to the SIM card. This option is only available when you select a message stored in the phone's memory.
Select Objects: saves media items, such as sounds or images, from the message into your phone's memory. You can then use the items when writing a message. For details, see "Add Objects" on page 64.

Outbox *(Menu 1.2)*

The Outbox stores messages you have already sent or will send. A list of messages displays with the recipient's phone number or name, if available.

Note: Messages are only saved to the Outbox if "Save and Send" is selected.

1. Select a message and press the **View** soft key.
2. Use the Up and Down key to scroll through the message.
3. To move to the previous or next message, press or .

While reading a message, the following options are available using the **Options** soft key:

Delete: deletes the message.

Send: sends the message. See "Creating a Simple Text Message" on page 62.

Save Address: saves the address information in the message.

Move To Phone: moves the message to another memory location (from the SIM card to the phone's memory or vice versa).

Move to SIM: allows you to move the message from the phone's memory to the SIM card. This option is only available when you select a message stored in the phone's memory.

Select Objects: saves media items, such as sounds or images, from the message into your phone's memory. You can then use the items when writing a message. For details, see "Add Objects" on page 64.

Write New *(Menu 1.3)*

Use this option to create and send a new text message.

Note: Messages are only saved to the Outbox if "Save and Send" is selected.When you add media items to the message, the number of characters you can enter decreases.

Creating a Simple Text Message

1. From the Messages menu, select **Write New**.
2. Create your message. See "Entering Text" on page 43.

3. When your message is complete, press the **Options** soft key. The following options are available:

Send: sends the message. The message is deleted after sending.
Save and Send: saves a copy of the message to your Outbox, then sends the message.
Save: saves the message to your Outbox so that it can be sent later.
For more information about the **Text Formatting**, **Add Objects**, **Add Templates**, **Add Phonebook**, and **Language** options, see "Creating a Message Using the Options" on page 63.

1. Select **Send** or **Save and Send** and press the **Select** soft key.
2. If you select a save option, choose the memory location and press the **OK** soft key.
3. Enter a destination number and press the **OK** soft key. The message is sent.

Note: When the phone fails to send the message, it asks you if you want to retry. Press the **OK** soft key to confirm. Otherwise, press the **Exit** soft key to return to the message screen.

Creating a Message Using the Options

1. Create your message.
2. Press the **Options** soft key.
3. Select one of the following options:

Text Formatting: formats the text. For the **Size** attribute, **Normal**, **Large** and **Small** sizes are available. For the **Underline** and **Strikethrough** attributes, select **On** or **Off**.

Add Objects: adds a sound, melody, picture, or animated image to your message. Select the type of item you're adding. You can select from the various factory-set items or choose an item received from other sources.

Add Templates: applies a preset message template to the text. See "Templates (Menu 1.4)" on page 64.

Add Phonebook: adds a Phonebook entry to your message. Select one from the list.

Language: changes the language used in T9 input mode.

4. Complete the message, and send or save it using the procedure from step 2 on page 63.

Templates *(Menu 1.4)*

Templates allow you to preset messages that you use frequently. Select an location or template and press the **Options** soft key.

The following options are available:

Edit: allows you to write a new message or edit the selected message.

Send Message: sends the selected message once it has been retrieved.

Delete: deletes the message. Pressing the **Yes** soft key when prompted to confirm.

Settings *(Menu 1.5)*

In this menu, you can set default messaging information. A setting group is a collection of settings required to send messages. The number of setting groups available depends on the capacity of your SIM card.

Note: The last setting you accessed is automatically activated for sending messages.

Setting x (where **x** is the setting group number):

Service Center: stores or changes the number of your message center, which is required when sending messages. You must obtain this number from your service provider.

Default Destination: stores the default destination number. The number automatically displays on the Destination screen when you create a message.

Default Type*: sets the default message type to **Text**, **Fax**, **Email**, or **Paging**. The network can convert the messages into the selected format.

Default Validity*: sets the length of time your text messages are stored at the message center while attempts are made to deliver them.

Setting Name: allows you to assign a name to the setting group currently being defined.

Common Setting: The following options are available:

Reply Path: allows the recipient of your message to send you a reply using your message center, if your network supports this service.

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Delivery Reports: allows you to receive a message indicating if your message reached its destination.
Bearer Selection: selects either **GSM** or **GPRS**, depending on your network.

My Objects *(Menu 1.6)*

In this menu, you can view or delete the media objects saved from messages into your phone's memory.
Three categories of items are available:

- **My EMS Melody**
- **My EMS Picture**
- **My EMS Animation**

To display an item, select the appropriate category, then use the Up and Down navigation keys to scroll through items.
To delete an item, display the item as detailed above, then press the **Delete** soft key. When a confirmation message displays, press the **Yes** soft key to confirm.
Use the **Delete All** option (**Menu 1.6.4**) to delete all objects in memory. When a confirmation message displays, press the **Yes** soft key to confirm.

Delete All *(Menu 1.7)*

Select this option to delete messages stored in SIM, phone, or Cell Broadcast memory.

To…	Press the key…
select a message box to delete	**Mark** soft key
cancel the selection	**Unmark** soft key.
delete the items in the selected message box	**Delete** soft key.

If you want to delete all of the media items, select **All Messages.**

Memory Status *(Menu 1.8)*

This menu displays the number of messages currently stored in SIM memory, PHONE memory, and CB (Cell Broadcast) memory.

To delete messages, use the Delete All option (**Menu 1.7**).

Voice Mail *(Menu 1.9)*

This menu provides access to your Voice Mail and related settings. The following options are available:

Connect to Voice Mail: Select this option to listen to your messages. You can quickly connect to the voice mail server by pressing and holding 1 in Idle mode.

Voice Mail Number: allows you to change the voice mail server number, if necessary.

To…	Press the key…
enter the server number	corresponding numeric keys.
correct a digit	.
move the cursor to the left or right without clearing the digit.	Left or Right navigation key.

Note: Voice Mail is a network feature. Please contact your service provider for further details.

Broadcast *(Menu 1.10)*

This network service allows you to receive text messages on various topics, such as the weather or traffic. Cell Broadcast (CB) messages display as soon as they are received, provided that:

- the phone is in Idle mode.
- the **Receive** option is set to **Enable**.
- the message channel is active on the channel list.
- the **Broadcast** feature is supported by the network.

The following options are available:

Read: displays the message. **Volatile** displays the messages from the network, but loses message contents as soon as the phone is switched off. While reading a message, press the **Save** soft key to store the message in the **Archive** box for later retrieval.

Receive: Enables or Disables broadcast message reception.

Channel List: indicates the channels you've selected for cell broadcast messages. Options are:

Select: enables or disables channels on the list by marking each channel.

Add Channel: enters the ID and title for a new channel.

Delete: removes a channel from the list.

Edit: allows you to modify the ID and title of a channel.

Language: selects the language used when displaying cell broadcast messages. Please contact your service provider for more information.

Call Records

In this menu, you can view the length of your calls or a list of calls you missed, received, or dialed.

Note: Press in Idle mode to access the three types of call records.

Missed Calls *(Menu 2.1)*

This menu displays the numbers of the last 20 unanswered calls.

The number and name display, together with the date and time the call was missed.

Press the **Options** soft key to:

- delete the call from the list.
- edit a number and save it in Phonebook.

Press to dial the number.

Incoming Calls *(Menu 2.2)*

This menu displays the numbers of the last 20 incoming calls.

The number and name display, together with the date and time the call was received.

Press the **Options** soft key to:

- delete the call from the list.
- edit a number and save it in Phonebook.

Press to dial the number.

Outgoing Calls *(Menu 2.3)*

This menu displays the numbers of the last 20 calls you made.

The number and name display, together with the date and time the call was made.

Press the **Options** soft key to:

- delete the call from the list.
- edit a number and save it in Phonebook.

Press to dial the number.

Delete All *(Menu 2.4)*

You can delete all of the numbers stored in each call record. Select a call record and press the **Select** soft key. When a confirmation message displays, press the **Yes** soft key. To delete all of the call records, select the **All Calls** option (**Menu 2.4.4**).

Call Time *(Menu 2.5)*

This menu displays the length of a calls you made and received.

Note: The actual time invoiced for calls by your service provider may vary, depending on network features, such as rounding-off for billing purposes.

The following options are available:

Last Call Time: length of the last call.

Total Outgoing: total length of all calls made since the timer was last reset.

Total Incoming: total length of all calls received since the timer was last reset.

Reset Timers: resets the call timers. You must first enter the phone password and then press the **OK** soft key.

Sound Settings

Sound settings allow you to customize the following:

- ring melody, volume, and type.
- sounds made when you press a key, receive a message, open/close the phone, or switch your phone on/off.
- alert tone made every minute during a call, when you make an error, or when your call is connects to the telephone network.

Note: When the phone is in Silent mode, you cannot change sound settings.

Ring Tone *(Menu 3.1)*

This menu allows you to select a ring melody.

You can choose between several melodies. Each time you select a melody, it plays for a few seconds. If you have downloaded sounds from the Internet, you can also select them in this menu.

Ring Volume *(Menu 3.2)*

This menu allows you to adjust the ring volume. Use the Up and Down keys or the Volume keys on the left side of the phone to increase or decrease the volume.

Alert Type *(Menu 3.3)*

This menu specifies how you are to be informed of incoming calls.

The following options are available:

Light Only: the service light flashes, but the phone neither rings nor vibrates.

Melody: the phone rings using the ring melody selected in the **Ring Tone** menu (**Menu 3.1**).

Vibration: the phone vibrates but does not ring.

Vibra+Melody: the phone first vibrates three times and then rings.

Keypad Tone *(Menu 3.4)*

This menu allows you to select the sound that the phone makes when you press a key. To turn off the sound, select **Off**. Options are:

- Off
- Cool
- Piano
- Tone
- Beep

Message Tone *(Menu 3.5)*

This menu specifies how the phone informs you of a new message.

SMS Tone *(Menu 3.5.1)*

The following options are available to alert you to new SMS messages:

- **Off**: the phone does not use the SMS tone.
- **Light Only**: the service light flashes.
- **Vibration**: the phone vibrates.
- **Single Beep**: the phone beeps once.
- **SMS Tone**: the phone uses one of several SMS tones.

SMS-CB Tone *(Menu 3.5.2)**

The following options are available to alert you to new cell broadcast (CB) messages:

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*. Support dependent on network service provider.

- **Off**: the phone does not use the CB tone.
- **Light Only**: the service light flashes.
- **Vibration**: the phone vibrates.
- **Single Beep**: the phone beeps once.
- **SMS-CB Tone**: the phone uses one of several CB tones.

Folder Tone *(Menu 3.6)*

This menu selects the sound that the phone makes when you open or close the phone. To turn the sound off, select **Off**.

Power On/Off *(Menu 3.7)*

This menu selects the melody the phone plays when it is switched on and off. To turn the sound off, select **Off**.

Extra Tones *(Menu 3.8)*

You can customize additional tones used for the phone.

To turn a given tone..	Press the…
On	**ON** soft key. A check mark displays in front of the option.
Off	**OFF** soft key. The check mark no longer displays.

The following options are available:

Error Tone: sets the phone to play an error tone when you make a mistake.
Minute Minder: sets the phone to beep every minute during an outgoing call to keep you informed of the length of your call.
Connect Tone: sets the phone to beep when your call connects to the telephone network.

Phone Settings

Use the **Phone Settings** menu to customize the features of your phone.

My Settings *(Menu 4.1)*

You can change the background image and the Menu display style according to your preference.

Wallpaper *(Menu 4.1.1)*

This option changes the background image displayed in Idle mode:

1. Select an image.

   You have various preset images available. You can also select the blank background or any images downloaded from the Internet.

2. Press the **Select** soft key.

3. When the image displays, press the **Select** soft key. A prompt asks if you want to display text on the screen.

4. Press the **Yes** soft key to display the current date and time on the wallpaper image. Press the **No** soft key to display only the image.

Menu Style *(Menu 4.1.2)*

This menu allows you to select the menu display style. You can choose either **Film Style** or **Page Style**.

Greeting Message *(Menu 4.2)*

This menu sets the greeting displayed briefly when the phone is switched on.

To…	Press the…
clear the existing message	C and hold it down until the message is cleared.
enter a new message	appropriate alphanumeric keys.
change the text input mode	⇧ soft key.

Own Number *(Menu 4.3)*

Own Number allows you view the phone number assigned to the SIM card installed in the phone.

Language *(Menu 4.4)*

This menu selects a display language. When the language option is set to **Automatic**, the language is automatically selected according to the language of your SIM card.

Security *(Menu 4.5)*

The Security feature restricts the use of your phone.

Various codes and passwords are used to protect the features of your phone. They are described in the following sections.

PIN Check *(Menu 4.5.1)*

When the PIN Check feature is enabled, you must enter your PIN each time you switch the phone on. Anyone who does not have the PIN cannot use your phone without your approval.

Note: Before disabling the PIN Check feature, you must enter your PIN.

The following options are available:
Disable: the phone connects directly to the network when you switch it on.
Enable: you must enter the PIN each time the phone is switched on.

Change PIN *(Menu 4.5.2)*

This feature allows you to change your PIN, provided that the PIN Check feature is enabled. You must enter the current PIN before you can specify a new one.
Once you have entered a new PIN, you are asked to confirm it by entering it again.

Phone Lock *(Menu 4.5.3)*

When the Phone Lock feature is enabled, the phone is locked and you must enter the 8-digit phone password each time the phone is switched on.

The password is preset to "00000000" at the factory. To change the phone password, see the **Change Password** menu (**Menu 4.5.4**) below.
Once you have entered a new password, you are asked to re-enter it for confirmation.
The following options are available:
Disable: you are not asked to enter the phone password when you switch the phone on.
Enable: you are required to enter the phone password when you switch the phone on.

Change Password *(Menu 4.5.4)*

The Change Password feature allows you to change your current phone password. You must enter the current password before you can specify a new one.
The password is preset to "00000000" at the factory.
Once you have entered a new password, you are asked to re-enter it for confirmation.

SIM Lock *(Menu 4.5.5)*

When the SIM Lock feature is enabled, your phone only works with the current SIM. You must enter the SIM lock code.
Once you have entered the lock code, you are asked to confirm it by entering it again.
To unlock the SIM, you must enter the SIM lock code.

FDN Mode *(Menu 4.5.6)*

FDN (Fixed Dial Number) mode, if supported by your SIM card, allows you to restrict your outgoing calls to a limited set of phone numbers.
The following options are available:
Disable: you can call any number.
Enable: you can only call phone numbers stored in the Phonebook. You must enter your PIN2.

Note: Not all SIM cards have a PIN2. If your SIM card does not, this menu does not display.

Change PIN2 *(Menu 4.5.7)*

The Change PIN2 feature allows you to change your current PIN2. You must enter the current PIN2 before you can specify a new one.
Once you have entered a new PIN2, you are asked to re-enter it for confirmation.

Note: Not all SIM cards have a PIN2. If your SIM card does not, this menu does not display.

Display Settings *(Menu 4.6)*

In this menu, you can change the settings for the display or backlight.

Contrast *(Menu 4.6.1)*

This menu allows you to adjust the contrast of the display screen for better viewing in different lighting conditions.

Adjust the contrast using the Up and Down keys or the Volume keys on the left side of the phone.

Back Light *(Menu 4.6.2)*

You can configure the phone to turn on or off the backlight. A marginal increase in standby/talk time can be achieved by turning the backlight off. Select the length of time for the backlight to be on. The backlight turns on when you press a key or receive a call or message and remains on for the specified length of time.

Note: To increase battery life, the entire LCD turns off one minute after the backlight turns off. This setting cannot be adjusted.

If you do not want to use the backlight, select **Off**.

Auto Light *(Menu 4.6.3)*

Using this feature, you can specify the time for which the backlight is to be used. This feature helps you to conserve your battery power. The following options are available:

Disable: the backlight is used according to the setting in the **Back Light** menu.

Enable: the backlight is used only during the specified period of time. Set the time when the phone turns the light on using the appropriate number keys.

Service Light *(Menu 4.6.4)*

This menu allows you to select whether or not the service light is used or to set the color it flashes.
Select a color from the three available. The service light flashes the selected color to demonstrate the option.
If you do not want to use the service light, select **Off**.

Graphic Logo *(Menu 4.6.5)*

This menu allows you to display your service provider's logo instead of its name.
Off: the service provider's name displays in Idle mode.
On: the service provider's logo stored in your phone displays in Idle mode; if no logo is stored, the service provider's name displays.

Extra Settings *(Menu 4.7)*

You can turn the automatic re-dialing or answering features on or off.

To turn a feature…	Press the…
On	**ON** soft key. A check mark displays in front of the option.
Off	**OFF** soft key. The check mark no longer displays.

The following options are available:
Auto Redial: when this option is checked, the phone makes up to ten attempts to redial a phone number after an unsuccessful call.

Note: The interval between two call attempts varies.

Active Folder: when this option is checked, you can simply open the phone to answer a call.
When it is unchecked, you must open the phone and press a key to answer a call, depending on the setting of the **Anykey Answer** option.
Anykey Answer: when this option is checked, you can answer an incoming call by pressing any key, except and the **Reject** soft key. To reject the call, press or the **Reject** soft key.
When this option is unchecked, you can only press or the **Accept** soft key.

Short Cut *(Menu 4.8)*

The Navigation keys can be used as shortcut keys. In Idle mode, they allow you to access specific menus directly.
To assign a shortcut to a key:

1. Select the key to be used as a shortcut key:

- **Key Up**
- **Key Down**
- **Key Right**
- **Key Left**

2. Select the menu you want the key to activate.

Note: To deactivate a shortcut key, select the **None** option.

3. Press the **Select** soft key to save the selection.

Reset Settings *(Menu 4.9)*

You can easily reset your phone to its default settings. To reset your phone:

1. Select the **Reset Settings** menu.
2. Enter the 8-digit phone password and press the **OK** soft key.

Note: The password is preset to "00000000." To change this password, see "Change Password (Menu 4.5.4)" on page 79.

Organizer

The Organizer feature enables you to:

- view the calendar and organize your schedule.
- create a to do list.
- set the current date and time.
- set the alarm so that the phone rings at a specific time.
- use the phone as a calculator for basic math or currency exchange operations.

Calendar *(Menu 5.1)*

With the Calendar feature, you can:

- view the calendar.
- write memos to keep track of your schedule.
- set an alarm to act as a reminder.

Viewing the Calendar

When you select the **Calendar** menu (**Menu 5.1**), the calendar displays with today's date highlighted. The following options are available when you press the **Options** soft key:

Search All: displays all memos, starting with the oldest, regardless of the date.

Delete All: allows you to delete all of the memos. You are asked to confirm your action.

Go to Date: allows you to jump to a specific date.

Exit: exits the Calendar and returns to Idle mode.

Writing a Memo

To write or edit a memo on a specific date:

1. Select a date on the calendar.

Note: To skip to the previous or next month, press the Volume keys on the left side of the phone.

2. Press the **Select** soft key.

   An empty memo screen displays.

3. Enter your memo and press the **OK** soft key.
   The phone prompts you to set an alarm.

4. If you want an alarm to ring on the selected day, press the **Yes** soft key.

   Otherwise, press the **No** soft key. The memo is saved and the display returns to the calendar.

5. If you pressed the **Yes** soft key, set the time for the alarm and press the **OK** soft key.

   You can also select the melody for the alarm by pressing the **Melody** soft key.

6. Select either **AM** or **PM** and press the **Select** soft key.

The color of the date changes to green to indicate that a memo exists for that date.

Editing a Memo

Pressing the **Edit** soft key allows you to edit the selected memo.
When you finish editing the memo, press the **OK** soft key.
The following options are available using the **Options** soft key:

Alarm: sets the alarm to ring at the specified time to remind you of the memo. If you set the alarm earlier, you can change or delete it.
Erase: deletes the memo.
Copy to: copies the memo to another date.
Move to: changes the date of the memo.

To Do List *(Menu 5.2)*

This feature allows you to:

- create a To Do list.
- assign a priority and a deadline to each task.
- sort the tasks by priority and status mark.

Creating a To Do List

1. Press the **New** soft key.
2. Enter the first task.
3. Press the **OK** soft key.
4. Select High, Normal, or Low priority, and press the **Select** soft key.
5. Enter the deadline and press the **OK** soft key.

   If you do not want to set a deadline, press the **Skip** soft key.

Editing the To Do List

When you select the **To Do List** menu (**Menu 5.2**), the current contents display with a status mark, if the task has been done, and priority: High, Normal, and Low.

Action	Procedure
View the details for a specific task	1. Highlight the task. 2. Press the **View** soft key. 3. Scroll through the tasks using the Up and Down keys.
Change the status of a specific task	1. Highlight the task. 2. Press to mark the task as completed as of the current date and time. or 1. Highlight the task. 2. Press the **Options** soft key. 3. Select the **Mark** option. 4. Select the appropriate status (**Done** or **Undo**).
Create a new task	1. Press the **Options** soft key. 2. Select the **New** option. 3. Enter text, priority and deadline for the task.

Action	Procedure (Continued)
Edit an existing task	1. Highlight the task. 2. Press the **Options** soft key. 3. Select the **Edit** option. 4. Change the text, priority and/or deadline for the task.
Sort the existing tasks by priority or status	1. Press the **Options** soft key. 2. Select the **Sort** option. 3. Select the sort criterion (**High**, **Low**, **Done** or **Undo**).
Copy a task	1. Highlight the task. 2. Press the **Options** soft key. 3. Select the **Copy** option. 4. Change the text, priority and/or deadline for the task.
Copy a task to the calendar	1. Highlight the task. 2. Press the **Options** soft key. 3. Select the **Copy to Calendar** option. 4. Change the text and/or deadline for the task and set the alarm.

Action	Procedure (Continued)
Delete a task	1. Highlight the task. 2. Press the **Options** soft key. 3. Select the **Delete** option.
Delete all tasks	1. Press the **Options** soft key. 2. Select the **Delete All** option. 3. Confirm the deletion by pressing the **OK** soft key.
Exit the To Do list	1. Press the **Options** soft key. 2. Select the **Exit** option.

Time & Date *(Menu 5.3)*

This menu allows you to change the time and date displayed. You can also view the time in another city. The following options are available:

Set Time: allows you to enter the current time. You can choose the time format in the **Time Format** menu (**Menu 5.3.4**).

Note: Before setting the time, you must specify your time zone in the **World Time** menu (**Menu 5.3.3**).

Set Date: allows you to enter the month, day, and year.

World Time: allows you to view the time in other locations. The screen shows the:

- city name.

- current date and time.
- time difference between the selected city and your city if you have set the local time.
- city selected as your time zone.

To select your time zone:

1. Select the city corresponding to your time zone. The local date and time display.
2. Press the **Set** soft key.

Time Format: allows you to change the time format to **24 Hours** or **12 Hours**.

Alarm *(Menu 5.4)*

This feature allows you to:

- set an alarm to ring at a specific time.
- set the phone to switch on automatically and sound an alarm even if the phone is switched off.

The following options are available:

Once Alarm: the alarm rings only once and is then deactivated.

Daily Alarm: the alarm rings every day at the same time.

Morning Call: the alarm rings to wake you up in the morning.

To set the alarm:

1. Choose the type of alarm to be set and press the **Select** soft key.
2. Enter the time for the alarm to sound.

   To use the alarm options, press the **Options** soft key. The following options are available:

- **Remove Alarm**: deactivates the alarm.
- **Alarm Sound Set**: selects an alarm melody.

3. Press the **OK** soft key.

Note: Your phone is preset to use 24-hour format. To change the time format, see "Time Format" on page 91.

4. If you select **Morning Call** in step 1, select the repeat option, **Monday to Friday** or **Monday to Saturday** and press the **Select** soft key.

To stop the alarm when it rings, open the phone and press the **Exit** soft key.

Remove Alarm: deactivates all alarm settings.

Autopower: when set to **Enable**, the alarm rings at the specified time, even if the phone is switched off. If the option is set to **Disable** and the phone is switched off at the specified time, the alarm does not sound.

Calculator *(Menu 5.5)*

With this feature, you can use the phone as a calculator:

1. Enter the first number using the numeric keys.

Notes:

- To delete mistakes or clear the display, press C.
- To include a decimal point or a bracket, press the left soft key until the symbol you want displays.

2. Press the right soft key until the symbol you want appears; **+** (addition), **-** (subtraction), ***** (multiplication), **/** (division).

3. Enter the second number.
4. To view the result, press .

Currency Exchange *(Menu 5.6)*

Using this menu, you can figure currency conversions.

1. Enter the current exchange rate of your source currency and press the **OK** soft key.

   To insert a decimal point, press .

2. Enter the amount to convert and press the **OK** soft key.

   The amount you entered and its equivalent value display.

3. Press the **Exit** soft key to exit the currency convertor.

Network Services

The Network Services menu provides access to services provided by your service provider. For information about available network services, contact your service provider.

Note: Some functions may not be available due to a roaming status.

Call Forwarding *(Menu 6.1)*

This service re-routes calls to a number you specify. Use the following options to forward voice calls or data calls:

Forward Always: all calls are forwarded.

Busy: calls are forwarded when you are already on another call.

No Reply: calls are forwarded when you do not answer the phone.

Unreachable: calls are forwarded when you are not in an area covered by your service provider.

Cancel All: all call forwarding options are canceled.

To set your call forwarding options:

1. Select a call forwarding option and press the **Select** soft key.
2. Select the type of calls, voice or data, and press the **Select** soft key.

   The current status displays. If the option has already been set, the call forwarding number displays.

To…	Press the…
activate call forwarding	**Activate** soft key. Go to step 4.
change the call number	**Change** soft key. Go to step 4.
deactivate call forwarding	**Remove** soft key.

3. Enter the number where the calls are being forwarded and press the **OK** soft key.

   To enter an international dialing code, press the **0** key until the **+** sign displays.

   The phone sends your settings to the network and the network's acknowledgement displays.

You can deactivate all call forwarding settings by selecting the **Cancel All** option.

Call Barring *(Menu 6.2)*

The call barring network service allows you to restrict your calls.

Call barring can be set up in the following ways:

All Outgoing: calls cannot be made.

International: international calls cannot be made.

International Except to Home: when abroad, calls can be made only to numbers within the current country and to your home country, which is the country where your home network provider is located.

All Incoming: calls cannot be received.

Incoming While Abroad: calls cannot be received when you are using your phone outside of your home service area.

Cancel All: all call barring settings are deactivated; calls can be made and received normally.

You can specify individual barring options for each of the following call types:

- Voice calls only
- Data calls only

To set your call barring options:

1. Select the type of call barring by pressing the — or — key and then press the **Select** soft key.
2. Select the type of calls to be barred by pressing the — or — key and then press the **Select** soft key.
3. Press the **Activate** soft key to confirm your settings.
4. Enter your call barring password supplied by your service provider.

   The phone sends your settings to the network and the network's acknowledgement displays.

To deactivate specific call barring settings:

1. Select the call barring option to be deactivated.
2. Select the type of call to which this option applies.
3. Press the **Deactivate** soft key.
4. Enter your call barring password supplied by your service provider.

The phone sends your settings to the network and the network's acknowledgement displays

You can also deactivate all call barring settings by selecting the **Cancel All** option.

Change Barring Password: you can set and change the call barring password obtained from your service provider using this option. You must enter the current password before you can specify a new one.

Once you have entered a new password, you are asked to confirm it by entering it again.

Call Waiting *(Menu 6.3)*

This service informs you when someone is trying to reach you during another call.

You can specify individual call waiting options for voice calls or data calls.

To set your call waiting options:

1. Select voice or data to indicate the type of call and press the **Select** soft key.

   The screen informs you whether call waiting is activated or deactivated.

2. You can activate or deactivate the call waiting feature by using the **Activate** or **Deactivate** soft keys.

To return to the previous screen, press the **Exit** soft key.

You can deactivate all call waiting settings by selecting the **Cancel All** option.

Network Selection *(Menu 6.4)*

Network Selection allows you to automatically or manually select the network used when roaming outside of your home area.

Note: You can select a network other than your home network only if your service provider offers this option.

To indicate automatic or manual roaming network selection:

1. When **Network Selection** displays, press the **Select** soft key.
2. Select the appropriate option and press the **OK** soft key.

   Automatic connects to the first available network when roaming.

   Manual scans for the available networks. Go to Step 3.
3. Select a network from the list then press the **OK** soft key.

Caller ID *(Menu 6.5)*

You can prevent your caller ID information from being displayed when you place a call.

Note: Some service providers do not allow the user to change this setting.

Note: The following options are available:

Default: the default setting provided by the service provider is used.

Hide Number: your number does not display when you make a call.
Send Number: your number displays each time you make a call.

Closed User Group (CUG) *(Menu 6.6)*

This network service allows incoming and outgoing calls to be restricted to a selected user group. You may be a member of up to ten user groups.
For details on how to create, activate and use a closed user group, contact your service provider.
Example: A company lends SIM cards to its employees and wants to restrict outgoing calls to members of the same team.

Activating a Closed User Group

If you select the **Closed User Group** menu, you can enter the CUG function. You can now access the following options after pressing the **Select** soft key:
Index List: lets you list, add or delete CUG index numbers. The list of current CUG indexes appears. Add a new CUG index as advised by your service provider or delete a selected group.

To	Press the
scroll through the existing CUG indexes	▬ or ▬ key.

To	Press the
add a new CUG index	**Options** soft key, select the **Add** option and enter the index.
delete a CUG index	**Options** soft key and select the **Delete** option.
activate a CUG index	**Options** soft key and select the **Activate** option.

Outside Access: lets you enable or disable calls to numbers other than those in the Closed User Group. This feature depends on the nature of your CUG subscription. Please check with your service provider.

Default Group: you may set a default CUG with your service provider. If you have done so, you can enable the **Default Group** option on your phone. When making a call, you are given the option of using your default CUG, instead of selecting one from the list.

Deactivate: deactivates the CUG function. This option appears only when the default group is enabled or a CUG index is selected.

Funbox

The **Funbox** menu contains several fun options.

WAP Browser *(Menu 7.1)*

Your phone is equipped with a WAP (Wireless Application Protocol) browser to navigate the wireless internet.

Exiting the WAP Browser

To exit the browser at any time, press or press and hold **i** .

GoRogers *(Menu 7.1.1)*

Selecting this option connects the phone to the network and loads the homepage of the Wireless Web service provider.

The content of the WAP Browser startup homepage depends on your Wireless Web service provider. To scroll through the screen, use the — abd — keys.

Settings *(Menu 7.1.2)*

This option allows you to set up five proxy servers for the WAP browser. Contact your service provider for details about setting options.

For each server, the following options are available:

Profile Name: enter a name you want to assign to the HTTP proxy server.

Homepage URL: set the address of your startup homepage. When the default homepage displays, delete it using C and enter your own selection.

Security: set the data transmission mode. Select **Secure** to protect your data against unauthorized access; otherwise, choose **Non-Secure**.

IP Address: enter the WAP gateway address required to connect to the Internet.

Bearer: select the bearer to be used for each type of network address accessed: **GPRS** or **Data**. The remaining options depend on the **Bearer** setting. When the bearer is set to **GPRS**

- **User Name**: enter the User ID required to connect to the GPRS network.
- **Password**: enter the password required to connect to the GPRS network.
- **APN**: enter the access point name used for the address of the GPRS network gateway.
- When the bearer is set to **Data**
- **Login Name**: enter the PPP server login ID.
- **Password**: enter the PPP server password.
- **Dial-up Number**: enter the PPP server phone number.
- **Data Call Type**: select a data call type from **Analog** or **ISDN**.

Note: The WAP Browser settings may vary, depending on the service provider. Contact your service provider for further information.

Clear Cache *(Menu 7.1.3)*

You can clear the information stored in the cache, which stores the most recently accessed Web pages. Press the **Yes** soft key to confirm the deletion. Otherwise, press the **No** soft key.

Push Message *(Menu 7.1.4)*

This menu allows you to receive and access web messages from the server.

The following options are available:

Inbox: displays messages received from the web server.

Receive: sets whether or not your phone receives web messages.

Delete All: deletes all web messages.

Navigating the WAP Browser

To	Press the
scroll through and select browser items	Up or Down navigation key until the ▶ symbol points to the required item, and then press the **OK** soft key to confirm the selection.
select a numbered item	corresponding numeric key.
return to the previous page	**Back** soft key or the C.
return to the startup homepage	* and select the **Home** menu.

Entering Text in the WAP Browser

When you are prompted to enter text, the text input mode icon displays. The following modes are available:

Upper-case character (**A**): allows you to enter upper-case characters.

Note: Lower-case character (**a**): allows you to enter lower-case characters.

Note: You can enter symbols in upper or lower-case character mode by pressing 1 .

Number (**1**): allows you to enter numbers.

To change the text input mode	Press *i* one or more times.
To enter a space	Press # .
To edit text	1. Set the cursor to the right of the character(s) to be corrected. 2. Press C as required. 3. Enter the correct character(s).

Selecting and Using Menu Options

Various menus are available when you are using the WAP Browser to navigate the wireless internet.
To access a menu option:

4. Press and hold . A menu displays.
5. Press the **Select** soft key to select an item.
6. Select a secondary option using the Up and Down keys, then press the **Select** soft key to confirm.

Note: The menus may vary, depending on your version of the WAP Browser.

The following options are available:
Reload: reloads the current page.
GoRogers: returns to wireless internet service provider homepage.
Goto URL: allows you to manually enter the URL address of a Web page. After entering an address, press the **OK** soft key.
Show URL: displays the URL address of the current site. You can also set the default homepage to the current address.

To	Press the
set the current page as your startup homepage	**Option** soft key, select the **Save to Home** option, and press the **Select** soft key.

To	Press the
set a bookmark for the current page	**Option** soft key, select the **Save to Bookmark** option, and press **Select** soft key.
cancel your setting	**Back** soft key.

Edit Home: changes the startup homepage manually. Enter the required URL and press the **OK** soft key.

Downloads *(Menu 7.2)*

You can download images, sounds, and MIDlets (Java applications running on mobile phones) from various sources using the WAP Browser and store them in your phone. Use the **Downloads** menu to access the downloaded items.

Note: Java services may not be available depending upon your service provider.

Games & More *(Menu 7.2.1)*

When you access this menu, the list of the default games appears. Once you have downloaded MIDlets, they are added to the list.

When you access this menu, the list of the default games appears. Once you have downloaded MIDlets, they are added to the list.

Launching a MIDlet

1. Scroll to the MIDlet you want and press the **Launch** soft key.
2. Start the MIDlet using the appropriate soft keys.

Using the Menus

From the Main Screen, press the **Menu** soft key for following options.

Info: displays information about the selected MIDlet, such as the file size, application version, vendor, and location of the MIDlet description file.

Remove: removes the MIDlet. When the confirmation message appears, press the **Remove** soft key. To cancel your selection, press the **Cancel** soft key. This option is not available for the default games.

Update: accesses the server and updates the MIDlet. This option is not available for the default games.

Sounds *(Menu 7.2.2)*

In this menu, you can view the list of sounds downloaded from the web server or received in multimedia messages. You can set the downloaded sounds as the current ring tune or send them to other phones.

Press the **Options** soft key to access the following options:

Rename: changes the name of the sound.

Delete: deletes the sound.

Set as Ring Tone: sets the sound as your ring tone.

Pictures *(Menu 7.2.3)*

This menu displays the list of pictures downloaded from the web server or received in messages. You can select downloaded pictures as a background image or send them to other phones.
Pressing the **Options** soft key for the following options:
Rename: changes the name of the image.
Delete: deletes the image.
Set as Wallpaper: sets the image as your wallpaper.

Solving Problems

If you are experiencing problems with your phone, perform the following simple checks before contacting a service professional. This may save you the time and expense of an unnecessary service call.

When you switch your phone on, the following messages may appear

Insert SIM Card

- Check that the SIM card is correctly installed.

Phone Locked Enter Password

- The automatic locking function has been enabled. You must enter the phone's password before you can use the phone.

Enter PIN

- You are using your phone for the first time. You must enter the Personal Identification Number supplied with the SIM card.
- The PIN Check feature is enabled. Every time the phone is switched on, the PIN has to be entered. To disable this feature, use the **PIN Check** menu (**Menu 4.5.1**).

Enter PUK

- The PIN code was entered incorrectly three times in succession and the phone is now blocked. Enter the PUK supplied by your service provider.

"No service," "Network failure" or "Not done" displays

- The network connection was lost. You may be in a weak signal area (in a tunnel or surrounded by buildings). Move and try again.
- You are trying to access an option that is not available with your service provider. Contact the service provider for further details.

You have entered a number but it was not dialed

- Have you pressed ?
- Are you accessing the correct cellular network?
- You may have set an outgoing call barring option.

Your correspondent cannot reach you

- Is your phone switched on ( ) pressed for more than one second)?
- Are you accessing the correct cellular network?
- You may have set an incoming call barring option.

Your correspondent cannot hear you speaking

- Have you activated the Mute function?
- Are you holding the phone close enough to your mouth? The microphone is located at the bottom of the phone.

The phone starts beeping and “**Warning** Low Battery” flashes on the display

- The battery is insufficiently charged. Recharge the battery. See “Charging a Battery” on page 21.

The audio quality of the call is poor

- Check the signal strength indicator on the display ( ); the number of bars indicates the signal strength from strong () to weak ().
- Try moving the phone slightly or moving closer to a window if you are in a building.

No number is dialed when you recall a Phonebook entry

- Check that the number has been stored correctly, by using the Phonebook Search feature.
- Re-store the number, if necessary.

If the above guidelines do not help you to solve the problem, contact your wireless carrier for additional assistance.

Access Codes

There are several access codes that are used by your phone and its SIM card. These codes help you protect the phone against unauthorized use.

When requested for any of the codes explained below, enter the appropriate code (displayed as asterisks) and press the **OK** soft key. If you make a mistake, press C until the incorrect digit is cleared and then continue entering the correct code.

The access codes, except for the PUK and PUK2 codes can be changed using the **Security** menu (**Menu 4.5**). See "Security (Menu 4.5)" on page 77.

Important! Avoid using access codes resembling emergency numbers, such as 911, so that you do not dial an emergency number accidentally.

If you do not have your PIN, please contact your network service provider. If you change any of the default access codes, please store the new codes in a safe place for reference. If you lose your codes, you will need to contact your network service provider to unlock your phone.

Phone Password

The Phone Lock feature uses the phone password to protect your phone against unauthorized use. The

phone password is supplied with the phone and is preset to "00000000" at the factory.

To	See
activate/deactivate the Phone Lock feature	"Phone Lock (Menu 4.5.3)" on page 78.
change the phone password	"Change Password (Menu 4.5.4)" on page 79.

PIN

The **P**ersonal **I**dentification **N**umber or PIN (4 to 8 digits) protects your SIM card against unauthorized use. It is usually supplied with the SIM card. The default PIN is **1111**.

If you enter an incorrect PIN three times in succession, the code is disabled and cannot be used until you enter the PUK to re-enable it. To enable the PIN number:

To	See
activate/deactivate the PIN Check feature	"PIN Check (Menu 4.5.1)" on page 78.
change the PIN	"Change PIN (Menu 4.5.2)" on page 78.

PUK

The 8-digit PUK (**P**IN **U**nblocking **K**ey) is required to change a disabled PIN. The PUK may be supplied with the SIM card. If not, or you have lost it, contact your service provider.

To re-enable your PIN:

1. Enter the PUK and press the **OK** soft key.
2. Enter a new PIN of your choice and press the **OK** soft key.
3. When the **Confirm New PIN** message displays, enter the same code again and press the **OK** soft key.

When you enter an incorrect PUK ten times in succession, the SIM card becomes invalid. Contact your service provider for a new card.

PIN2

The PIN2 (4 to 8 digits), supplied with some SIM cards, is required to access specific functions. These functions are available if supported by your SIM card. If you enter an incorrect PIN2 three times in succession, the code is disabled and you cannot access the functions until you re-enable it by entering the PUK2. To change the PIN2, see "Change PIN2 (Menu 4.5.7)" on page 80.

PUK2

The 8-digit PUK2 (**P**IN **U**nblocking **K**ey **2**), supplied with some SIM cards, is required to change a disabled PIN2. If you lose the code, contact your service provider.

To re-enable your PIN2:

1. Enter the PUK2 and press the **OK** soft key.
2. Enter a new PIN2 of your choice and press the **OK** soft key.
3. When the **Confirm PIN2** message displays, enter the same code again and press the **OK** soft key.

When you enter an incorrect PUK2 ten times in succession, you are not able to access the functions requiring the PIN2. Contact your service provider for a new card.

Health and Safety Information

Usage guidelines: All about performance and safety

Getting the Most Out of Your Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal. If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key. Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls

the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Knowing Radio Frequency Safety

The design of your phone complies with updated NCRP standards described below.
In 1991-92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities, government health agencies and industries developed this updated standard after reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

Maintaining Your Phone's Peak Performance

Note: For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- Hold the phone with the antenna over your shoulder.
- Try not to hold, bend or twist the phone's antenna.

- Don’t use the phone if the antenna is damaged.
- Speak directly into the phone’s receiver.

Guide to Safe and Responsible Wireless Phone Use

Cellular Telecommunications & Internet Association
"Safety is the most important call you will ever make."

A Guide to Safe and Responsible Wireless Phone Use

TENS OF MILLIONS OF PEOPLE IN THE U.S. TODAY TAKE ADVANTAGE OF THE UNIQUE COMBINATION OF CONVENIENCE, SAFETY AND VALUE DELIVERED BY THE WIRELESS TELEPHONE. QUITE SIMPLY, THE WIRELESS PHONE GIVES PEOPLE THE POWERFUL ABILITY TO COMMUNICATE BY VOICE-ALMOST ANYWHERE, ANYTIME-WITH THE BOSS, WITH A CLIENT, WITH THE KIDS, WITH EMERGENCY PERSONNEL OR EVEN WITH THE POLICE. EACH YEAR, AMERICANS MAKE BILLIONS OF CALLS FROM THEIR WIRELESS PHONES, AND THE NUMBERS ARE RAPIDLY GROWING.

But an important responsibility accompanies those benefits, one that every wireless phone user must uphold. When driving a car, driving is your first responsibility. A wireless phone can be an invaluable tool, but good judgment must be exercised at all times while driving a motor vehicle-whether on the phone or not.

The basic lessons are ones we all learned as teenagers. Driving requires alertness, caution and courtesy. It requires a heavy dose of basic common sense-keep your head up, keep your eyes on the road, check your mirrors frequently and watch out for other drivers. It requires obeying all traffic signs and

signals and staying within the speed limit.
It means using seat belts and requiring other passengers to do the same.
But with wireless phone use, driving safely means a little more. This brochure is a call to wireless phone users everywhere to make safety their first priority when behind the wheel of a car. Wireless telecommunications is keeping us in touch, simplifying our lives, protecting us in emergencies and providing opportunities to help others in need. When it comes to the use of wireless phones, safety is your most important call.

Wireless Phone "Safety Tips"

Below are safety tips to follow while driving and using a wireless phone which should be easy to remember:

1. Get to know your wireless phone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most phones offer, including automatic redial and memory. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.

2. When available, use a hands free device. A number of hands free wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you.

3. Position your wireless phone within easy reach. Make sure you place your wireless phone within easy reach and where you can grab it without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.

4. Suspend conversations during hazardous driving conditions or situations. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.

5. Do not take notes or look up phone numbers while driving. If you are reading an address book or business card, or writing a “to do” list while driving a car, you are not watching where you are going. It’s common sense. Don’t get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.

6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip or attempt to coincide your calls with times you may be stopped at a stop sign, red light or otherwise stationary. But if you need to dial while driving, follow this simple tip-dial only a few numbers, check the road and your mirrors, then continue.

7. Do not engage in stressful or emotional conversations that may be distracting. Stressful or emotional

conversations and driving do not mix-they are distracting and even dangerous when you are behind the wheel of a car. Make people you are talking with aware you are driving and if necessary, suspend conversations which have the potential to divert your attention from the road.

8. Use your wireless phone to call for help. Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations-with your phone at your side, help is only three numbers away. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident, road hazard or medical emergency. Remember, it is a free call on your wireless phone!

9. Use your wireless phone to help others in emergencies. Your wireless phone provides you a perfect opportunity to be a “Good Samaritan” in your community. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.

10. Call roadside assistance or a special wireless non-emergency assistance number when necessary. Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call for emergency services. But you still can use your wireless phone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured or a vehicle you know to be stolen, call

roadside assistance or other special non-emergency wireless number.

Careless, distracted individuals and people driving irresponsibly represent a hazard to everyone on the road. Since 1984, the Cellular Telecommunications Industry Association and the wireless industry have conducted educational outreach to inform wireless phone users of their responsibilities as safe drivers and good citizens. As we approach a new century, more and more of us will take advantage of the benefits of wireless telephones. And, as we take to the roads, we all have a responsibility to drive safely.

"The wireless industry reminds you to use your phone safely when driving."

Cellular Telecommunications & Internet Association
For more information, please call 1-888-901-SAFE. For updates:

http://www.wow-com.com/consumer/issues/driving/articles.cfm?ID=85

Maintaining Safe Use of and Access to Your Phone

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN THE U.S.A., USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

Using Your Phone While Driving

Talking on your phone while driving is illegal in some states. Even where it's not, it can divert your attention from driving. Remember that safety always comes first.

When using your phone in the car:

- Get to know your phone and its features, such as speed dial and redial.
- When available, use a hands-free device.
- Position your phone within easy reach.
- Let the person you are speaking to know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.
- Do not take notes or look up phone numbers while driving.
- Dial sensibly and assess the traffic; if possible, place calls when you stationary or before pulling into traffic.
- Do not engage in stressful or emotional conversations that may divert your attention from the road.
- Dial **9**,**1**,**1** to report serious emergencies. It's free from your wireless phone.
- Use your phone to help others in emergencies.
- Call special non-emergency wireless numbers when necessary.

Following Safety Guidelines

Note: Always turn off the phone in health care facilities and request permission before using the phone near medical equipment.

To operate your phone safely and efficiently, always follow any special regulations in a given area. Turn your phone off in areas where use is forbidden or when it may cause interference or danger.

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, RF signals from wireless phones may affect inadequately shielded electronic equipment.

RF signals may affect improperly installed or inadequately shielded electronic operating systems and/or entertainment systems in motor vehicles. Check with the manufacturer or their representative to determine if these systems are adequately shielded from external RF signals. Also check with the manufacturer regarding any equipment that has been added to your vehicle.

Consult the manufacturer of any personal medical devices, such as pacemakers and hearing aids, to determine if they are adequately shielded from external RF signals.

Turning Off Your Phone Before Flying

Turn off your phone before boarding any aircraft. To prevent possible interference with aircraft systems, the U.S. Federal Aviation Administration (FAA) regulations require you to have permission from a crew member to use your phone while the plane is on the ground. To prevent any risk of interference, FCC regulations prohibit using your phone while the plane is in the air.

Turning Off Your Phone in Dangerous Areas

To avoid interfering with blasting operations, turn off your phone when in a blasting area or in other areas with signs indicating that two-way radios should be turned off. Construction crews often use remote-control RF devices to set off explosives.

Note: Never transport or store flammable gas, liquid or explosives in the compartment of your vehicle that contains your phone or accessories.

Turn off your phone when you're in any area that has a potentially explosive atmosphere. Although it's rare, your phone or its accessories could generate sparks. Sparks could cause an explosion or a fire resulting in bodily injury or even death. These areas are often, but not always, clearly marked. They include:

- Fueling areas such as gas stations.
- Below deck on boats.
- Fuel or chemical transfer or storage facilities.
- Areas where the air contains chemicals or particles such as grain, dust or metal powders.
- Any other area where you would normally be advised to turn off your vehicle's engine.

Restricting Children's Access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

Caring for the Battery

The guidelines listed below help you get the most out of your battery's performance.

- Use only Samsung-approved batteries and desktop chargers. These chargers are designed to maximize battery life. Using other batteries or chargers voids your warranty and may cause damage.
- In order to avoid damage, charge the battery only in temperatures that range from 32º F to 104º F (0º C to 40º C).
- Don't use the battery charger in direct sunlight or in high humidity areas, such as the bathroom.
- Never dispose of the battery by incineration.
- Keep the metal contacts on top of the battery clean.
- Don't attempt to disassemble or short-circuit the battery.
- The battery may need recharging if it has not been used for a long period of time.
- It's best to replace the battery when it no longer provides acceptable performance. It can be recharged hundreds of times before it needs replacing.

Don't store the battery in high temperature areas for long periods of time. It's best to follow these storage rules:

Less than one month 32º F to 104º F (0º C to 40º C).

Disposal of Lithium Ion (Li-Ion) Batteries

For safe disposal options of your Li-Ion batteries, contact your nearest Samsung-authorized service center.

- For safety, do not handle a damaged or leaking Li-Ion battery.
- Be sure to dispose of your battery properly. In some areas, the disposal of batteries in household or business trash may be prohibited.

Acknowledging Special Precautions and FCC

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Body-Worn Operation

To maintain compliance with FCC RF exposure guidelines, if you wear a handset on your body, use the Samsung supplied or approved carrying case,

holster or other body-worn accessory. If you do not use a body-worn accessory, ensure that the antenna is at least one inch (2.5 centimeters) from your body when transmitting. Use of non- Samsung approved accessories may violate FCC RF exposure guidelines. For more information about RF exposure, please visit the FCC website at www.fcc.gov.

SAR Values

The highest SAR values of this model phone as reported to FCC are Head: 1.44W/kg, Body-worn: 0.842W/kg in GSM 850 and Head: 0.446W/kg, Body-worn: 0.241W/kg in GSM 1900.

FDA Consumer Update

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been

confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that it is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to a interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at

the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Committee
- Occupational Safety and Health Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities about wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the wireless exposures that people get from these base stations are typically thousands of times lower than those they get from wireless phones. Base stations are thus not the subject of the safety questions discussed in this document.

What kinds of phones are the subject of this update?

The term "wireless phones" refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS". These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF

exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones" which have a base unit connected to the phone wiring in a house, typically operate at far lower per levels, and thus produce RF exposures far below the FCC safety limits.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could Accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones,

so we don't know with certainty what results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glaucoma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures. However, none of the studies can answer questions about long-term exposures, since average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health threat?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many

years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).
FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of tis work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The project has also helped develop a series of public information documents on EMF issues.
FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The

initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

How can I find out how much radio frequency energy exposure I can get by using my wireless phone?

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit radio frequency energy (RF) exposures. FCC established these guidelines in consultation with FDA and other federal health and safety agencies. The FCC limit for exposure from wireless telephones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissue that absorb energy from the wireless phone and is set well below levels known to have effects.

Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines.

SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of

http://www.fcc.gov/oet/fccid after searching on FCC ID A3LSGHX426.

What has FDA done to measure the radio frequency energy coming from wireless phones?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the radio frequency energy (RF) exposure from wireless phones and other wireless hand sets with the participation and leadership of FDA scientists and engineers. The standard, "Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques," sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissue-simulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products--and at this point we do not know that there is--it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measured described above would apply to children and teenagers using wireless phones. Reducing the

time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed on late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI.

FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a "compatible" phone and a "compatible" hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Where can I find additional information?

For additional information, please refer to the following resources:

- FDA web page on wireless phones (http://www.fda.gov/cdrh/phones/index.html)
- Federal Communications Commission FCC) RF Safety Program (http://www.fda.gov/oet/rfsafety)
- International Commission on Non-Ionizing Radiation Protection (http://www.icnirp.de)
- World Health Organization (WHO) International EMF Project (http://www.who.int/emf)
- National Radiological Protection Board (UK) (http://www.nrpb.org.uk)

CTIA Safety Information

Exposure to radio frequency signals

Your wireless hand held portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standard bodies:

- ANSI C95.1 (1992)
- NCRP Report 86 (1986)
- ICNIRP (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1). The design of your phone complies with the FCC guidelines (and those standards).

Antenna care

Use only the specified of approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone operation

Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder. For your phone to operate most efficiently, do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Driving

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

- Give full attention to driving--driving safety is your first responsibility.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Electronic devices

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a hand-held wireless phone and a pacemaker to avoid potential

interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the pacemaker is turned on;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

Hearing aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider (or call the customer service line to discuss alternatives.) Optional for each phone manufacturer.

Other medical devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted facilities

Turn your phone OFF in any facility where posted notices so require.

Aircraft

FCC regulations prohibit using your phone while in the air. Switch OFF your phone before boarding an aircraft.

Blasting areas

To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" or in areas posted: "Turn off two-way radio". Obey all signs and instructions.

Potentially explosive atmospheres

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury of even death.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include

fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liguefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

For vehicles equipped with an airbag

An airbag inflates with great force. DO NOT place objects, including both installed or portable wireless equipment, in the area over the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Owner's Record

The model number, regulatory number and serial number are located on a nameplate inside the battery compartment. Record the serial number in the space provided below. This will be helpful if you need to contact us about your phone in the future.

Model: SGH-x426

Serial No.:

User Guide Proprietary Notice

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Holster	90 Days
Other Phone Accessories	1 Year

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Samsung Telecommunications America, L.P.
1301 East Lookout Drive
Richardson, Texas 75082
Phone: 1-800-SAMSUNG
Phone: 1-888-987-HELP (4357)

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Glossary

To help you understand the main technical terms and abbreviations used in this booklet and take full advantage of the features on your mobile phone, here are a few definitions.

Call Forwarding
Ability to reroute calls to another number.

Call Holding
Ability to put one call on standby while answering or making another call; you can then switch between the two calls, as required.

Call Waiting
Ability to inform users that they have an incoming call when engaged on another call.

GPRS (General Packet Radio Service)
New non-voice value-added service that allows information to be sent and received across a mobile telephone network. GPRS provides continuous connection to the Internet for mobile phone and computer users. It is based on the Global System for Mobile Communication (GSM) circuit-switched cellular phone connections and the Short Message Service (SMS).

GSM (Global System for Mobile Communication)
International standard for cellular communication, guaranteeing compatibility between the various network operators. GSM covers most European countries and many other parts of the world.

Java
Programming language generating applications that can run on all hardware platforms, whether small, medium or large, without modification. It has been promoted for and geared heavily to the Web, both for public Web sites and Intranets. When a Java program runs from a Web page, it is called a Java applet. When it is run on a mobile phone or pager, it is called a MIDlet.

Line Identification Service (Caller ID)
Service allowing subscriber to view or block the telephone numbers of callers.

Multiparty Calling
Ability to establish a conference call involving up to five additional parties.

Phone Password
Security code used to unlock the phone when you have selected the option to lock it automatically each time it switches on.

PIN (Personal Identification Number)
Security code that protects the phone against unauthorized use. The PIN is supplied by the service

provider with the SIM card. It may be a four to eight-digit number and can be changed, as required.

PUK (PIN Unblocking Key)
Security code used to unlock the phone when an incorrect PIN has been entered three times in succession. The eight-digit number is supplied by the service provider with the SIM card.

Roaming
Use of your phone when you are outside your home area (when travelling for example).

SDN (Service Dialing Numbers)
Telephone numbers supplied by your network provider and giving access to special services, such as voice mail, directory inquiries, customer support and emergency services.

SIM (Subscriber Identification Module)
Card containing a chip with all the information required to operate the phone (network and memory information, as well as the subscriber's personal data). The SIM card fits into a small slot on the back of the phone and is protected by the battery.

SMS (Short Message Service)
Network service sending and receiving messages to and from another subscriber without having to speak to the correspondent. The message created or received can be displayed, received, edited or sent.

Soft Keys

Two keys marked and on the phone, the purpose of which:

- Varies according to the function that you are currently using
- Is indicated on the bottom line of the display just above the corresponding key.

Dual Band

Ability to handle any of the following types of network: GSM 850 and GSM 1900 MHz bands, for greater call success and wider roaming.

Voice Mail

Computerized answering service that automatically answers your calls when you are not available, plays a greeting (optionally in your own voice) and records a message.

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Dual Band SGH-x426 GPRS Telephone

Quick Reference Card

Switch On/ Off	Press and hold the ☎/⏻ key.
Make a Call	1 Key in the number. 2 Press the ☎ key.
End a Call	Briefly press the ☎/⏻ key.
View Missed Calls Immediately After Missing Them	1 Open the phone and press the **View** soft key. 2 Scroll with the Up and Down keys through the missed calls. 3 To return the call, press the ☎ key.
Access the Menu Functions	1 Press the **Menu** soft key. 2 Scroll with the Up and Down keys through the list of the menus until you reach the required menu. 3 Press the **Select** soft key. 4 Scroll with the Up and Down keys through the list of the options until the required one is selected. 5 Press the **Select** soft key.

Each of the two soft keys (and) perform the function indicated by the text above it, on the bottom line of the display.

Answer a Call	Open the phone or Press the key.
Adjust the Volume	Press the ^ or v key on the left side of the phone.
Choose the Alert Type	1 Select the **Alert Type** menu option (**Menu 3.3**). 2 Select an option: • **Light Only** • **Melody** • **Vibration** • **Vibra+Melody** 3 Press the **Select** soft key.
Switching the Microphone off/on During a Call	1 Press the **Options** soft key. 2 Highlight **Mute** or **Unmute**. 3 Press the **Select** soft key.

Store Numbers in Phonebook	1 Enter the number. 2 Press the **Save** soft key. 3 Select an icon for label. 4 Press the **Select** soft key. 5 Enter the name. 6 Press the **OK** soft key. 7 If necessary, change the memory. 8 Press the **OK** soft key.9» Press the /⏻ key to return to Idle mode.
Search for a Number in Phonebook	1 Press the **Name** soft key. 2 Select the **Search** option. 3 Enter the first few letters of the name. 4 To scroll through the names, press the Up or Down key. 5 Press the **View** soft key. 6 To scroll through the numbers, press the Up or Down key. 7 Press the key to dial.